

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claims 1-12 (Cancelled)

13. (New) A fuel cell system comprising:

a fuel gas supply mechanism which supplies a fuel gas;  
an oxidizing gas supply mechanism which supplies an oxidizing gas;  
a fuel cell which generates power using the fuel gas supplied from the fuel gas supply mechanism and the oxidizing gas supplied from the oxidizing gas supply mechanism; and  
a water recovery device which recovers water contained in an exhaust gas from the fuel cell, the water recovery device including a liquid introducing mechanism which sprays a water-compatible liquid onto a location where the water is recovered by the water recovery device.

14. (New) The fuel cell system as defined in Claim 13, further comprising a cooling device which cools the fuel cell using a cooling water-antifreeze mixture,

wherein the cooling water-antifreeze mixture for cooling the fuel cell is used as the water-compatible liquid.

15. (New) The fuel cell system as defined in Claim 14, wherein the fuel gas supply mechanism is a device which stores hydrogen, and

the system further comprises a humidifier which humidifies at least one of the fuel gas and the oxidizing gas using the cooling water-antifreeze mixture for cooling the fuel cell.

16. (New) The fuel cell system as defined in Claim 16, comprising:

a first cooling water tank which stores the cooling water-antifreeze mixture for cooling the fuel cell; and

a controller which controls an amount of water recovered by the water recovery device on the basis of an antifreeze concentration of the first cooling water tank.

17. (New) The fuel cell system as defined in Claim 16, comprising:

a second cooling water tank which stores the cooling water-antifreeze mixture for cooling the water recovery device; and

a flow control mechanism which introduces the cooling water-antifreeze mixture in the second cooling water tank into the first cooling water tank,

wherein the controller controls an amount of cooling water-antifreeze mixture to be introduced into the first cooling water tank from the second cooling water tank via the flow control mechanism in accordance with the antifreeze concentration of the cooling water-antifreeze mixture in the first cooling water tank.

18. (New) The fuel cell system as defined in Claim 13, wherein the fuel gas supply mechanism comprises:

a fuel tank which stores a fuel;

a fuel supply mechanism which supplies the fuel from the fuel tank;

a liquid mixture tank which stores a liquid mixture of water and the supplied fuel;

a liquid mixture supply mechanism which supplies the liquid mixture of water and fuel from the liquid mixture tank; and

a fuel reforming device which generates a reformat gas containing hydrogen by reforming the fuel from the supplied liquid mixture of water and fuel, and

either one of the fuel from the fuel tank and the liquid mixture of water and fuel from the liquid mixture tank is used as the water-compatible liquid.

19. (New) The fuel cell system as defined in Claim 18, wherein the water recovered by the water recovery device is returned to the liquid mixture tank.

20. (New) The fuel cell system as defined in Claim 19, further comprising a controller which controls the amount of water recovered by the water recovery device on the basis of a fuel concentration of the liquid mixture in the liquid mixture tank.

21. (New) The fuel cell system as defined in Claim 20, comprising a flow control mechanism which introduces the fuel from the fuel tank into the liquid mixture tank,  
wherein the controller controls an amount of fuel to be introduced into the liquid mixture tank from the fuel tank via the flow control mechanism on the basis of the fuel concentration of the liquid mixture tank.
22. (New) The fuel cell system as defined in Claim 13, wherein the controller controls an amount of water-compatible liquid to be sprayed from the liquid introducing mechanism onto the location where the water is recovered from the exhaust gas on the basis of an ambient temperature of the water recovery device.
23. (New) The fuel cell system as defined in Claim 22, wherein the controller controls the amount of water-compatible liquid to be sprayed from the liquid introducing mechanism onto the location where the water is recovered from the exhaust gas on the basis of an amount of power generated by the fuel cell.
24. (New) A fuel cell system comprising:  
a fuel gas supply means for supplying a fuel gas;  
an oxidizing gas supply means for supplying an oxidizing gas;  
a fuel cell which generates power using the fuel gas supplied from the fuel gas supply means and the oxidizing gas supplied from the oxidizing gas supply means; and  
a water recovery device means for recovering water contained in an exhaust gas from the fuel cell, the water recovery means including a liquid introducing means for spraying a water-compatible liquid onto a location where the water is recovered by the water recovery device.
25. (New) A water recovery method for a fuel cell system having a fuel gas supply mechanism which supplies a fuel gas, an oxidizing gas supply mechanism which supplies an oxidizing gas, and a fuel cell which generates power using the fuel gas supplied from the fuel

gas supply mechanism and the oxidizing gas supplied from the oxidizing gas supply mechanism, the method comprising:

- recovering water contained in an exhaust gas from the fuel cell, and
- spraying a water-compatible liquid onto a location where the water is recovered.